ELECTRIC DRYER INSTALLATION INSTRUCTIONS

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Para una version de estas instrucciones en español, visite www.Whirlpool.com

INSTALLATION NOTES

Date of purchase: _____

Date of installation: _____

Installer: _____

Model number: _____

Serial number: _____

W10423118A
W10423119A - SP

DRYER SAFETY

Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.

This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or hurt you and others.

All safety messages will follow the safety alert symbol and either the word “DANGER” or “WARNING.” These words mean:

⚠ DANGER — **You can be killed or seriously injured if you don't immediately follow instructions.**

⚠ WARNING — **You can be killed or seriously injured if you don't follow instructions.**

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

WARNING - “Risk of Fire”

- **Clothes dryer installation must be performed by a qualified installer.**
- **Install the clothes dryer according to the manufacturer’s instructions and local codes.**
- **Do not install a clothes dryer with flexible plastic venting materials or flexible metal (foil type) duct. If flexible metal duct is installed, it must be of a specific type identified by the appliance manufacturer as suitable for use with clothes dryers. Flexible venting materials are known to collapse, be easily crushed, and trap lint. These conditions will obstruct clothes dryer airflow and increase the risk of fire.**
- **To reduce the risk of severe injury or death, follow all installation instructions.**
- **Save these instructions.**

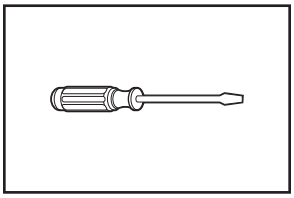
IMPORTANT: When discarding or storing your old clothes dryer, remove the door.

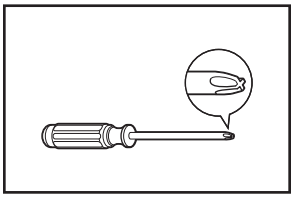
INSTALLATION REQUIREMENTS

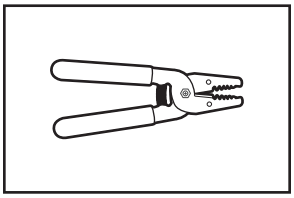
TOOLS AND PARTS

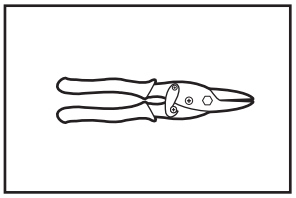
Gather the required tools and parts before starting installation.

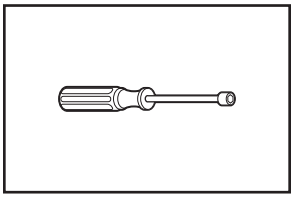
Tools needed:

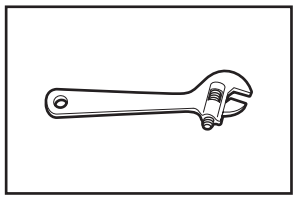

Flat-blade screwdriver

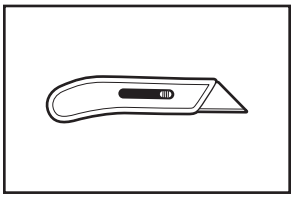

#2 Phillips screwdriver

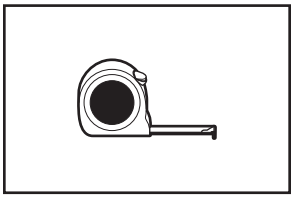

Wire stripper (direct wire installations)

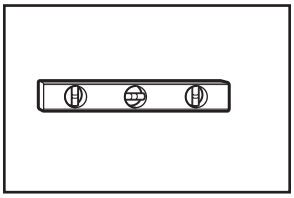

Tin snips (new vent installations)

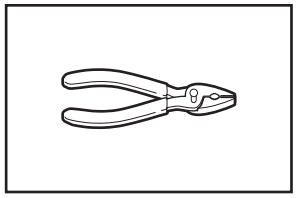

1/4" and 5/16" nut driver (recommended)

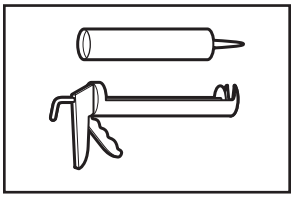

Adjustable wrench that opens to 1" (25 mm) or hex-head socket wrench

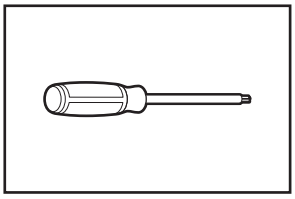

Utility knife


Tape measure


Level


Pliers


Caulking gun and compound (for installing new exhaust vent)


Min. 8" long Torx® T25 screwdriver (for door reversal only)

Parts needed: (Not supplied with dryer)

- Vent clamps
- Vent elbows and ductwork

Additional parts may be required, depending in your installation. Check local codes. Check existing electrical supply and venting. Read “Electrical Requirements” and “Venting Requirements” before purchasing parts.

If using a power supply cord:

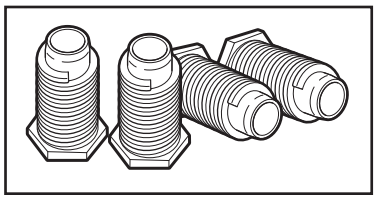
Use a UL listed power supply cord kit marked for use with clothes dryers. The kit should contain:

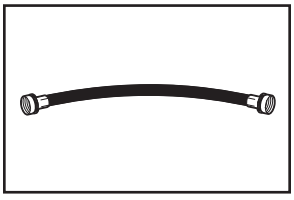
- A UL listed 30-amp power supply cord, rated 120/240 volt minimum. The cord should be type SRD or SRDT and be at least 4 ft. (1.22 m) long. The wires that connect to the dryer must end in ring terminals or spade terminals with upturned ends.
- A UL listed strain relief.

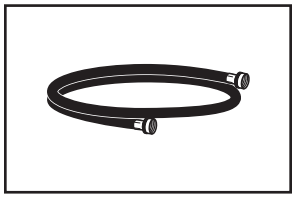
Parts supplied:

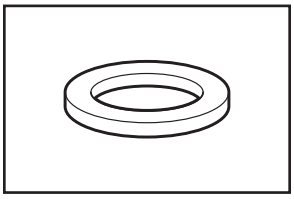
Parts package is located in dryer drum. Check that all parts are included.

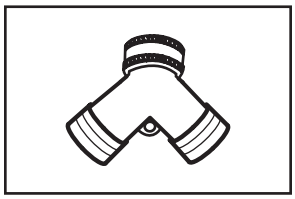
NOTE: Do not use leveling legs supplied if installing with a pedestal or a stack kit.


Leveling legs (4)


Short inlet hose


Long inlet hose


Rubber washers


“Y” connector

Optional Equipment: (Not supplied with dryer)
Refer to your “Use and Care Guide” for information about accessories available for your dryer.

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LOCATION REQUIREMENTS

Check code requirements. Some codes limit, or do not permit, installing dryer in garages, closets, mobile homes, or sleeping quarters. Contact your local building inspector.

⚠WARNING

Explosion Hazard

Keep flammable materials and vapors, such as gasoline, away from dryer.

Place dryer at least 18 inches (460 mm) above the floor for a garage installation.

Failure to do so can result in death, explosion, or fire.

You will need:

- A location allowing for proper exhaust installation. See "Venting Requirements."
- A separate 30 amp circuit.
- If using power supply cord, a grounded electrical outlet located within 2 ft. (610 mm) of either side of dryer. See "Electrical Requirements."
- Floor must support dryer weight of 200 lbs. (90.7 kg). Also consider weight of companion appliance.
- Cold water faucets located within 4 ft. (1.2 m) of the water fill valves, and water pressure of 20 - 120 psi (138 - 827 kPa). You may use the water supply for your washer using the "Y" connector and short hose (if needed) which are provided.
- Level floor with maximum slope of 1" (25 mm) under entire dryer. If slope is greater than 1" (25 mm), install Extended Dryer Feet Kit, Part Number 279810. If not level, clothes may not tumble properly and automatic sensor cycles may not operate correctly.
- For garage installation, place dryer at least 18" (460 mm) above floor. If using a pedestal, you will need 18" (460 mm) to bottom of dryer.
- The dryer must not be installed or stored in an area where it will be exposed to water and/or weather.

IMPORTANT: Do not operate, install, or store dryer where it will be exposed to water, weather, or at temperatures below 40° F (4° C). Lower temperatures may cause dryer not to shut off at end of automatic sensor cycles, resulting in longer drying times.

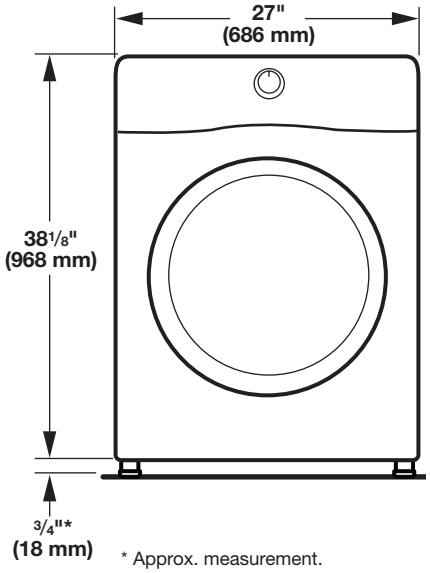
Installation Clearances

For each arrangement, consider allowing more space for ease of installation and servicing; spacing for companion appliances and clearances for walls, doors, and floor moldings. Space must be large enough to allow door to fully open. Add spacing on all sides of dryer to reduce noise transfer. If a closet door or louvered door is installed, top and bottom air openings in door are required.

Check code requirements. Some codes limit, or do not permit, installation of the dryer in garages, closets, mobile homes, or sleeping quarters. Contact your local building inspector.

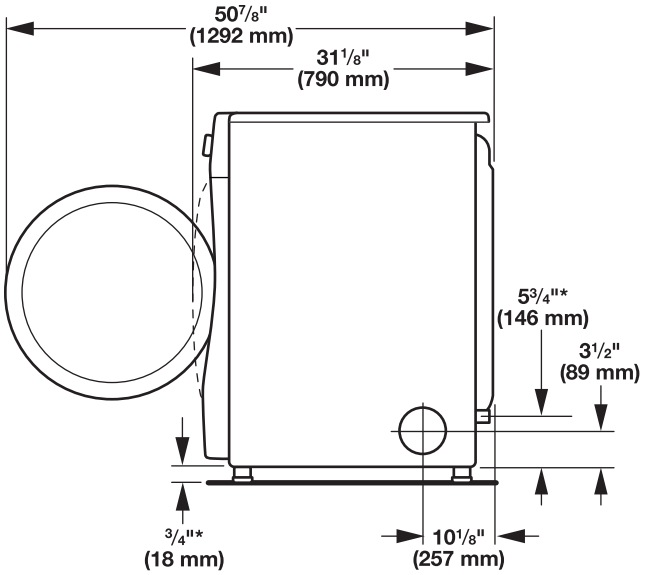
DRYER DIMENSIONS

Front view:



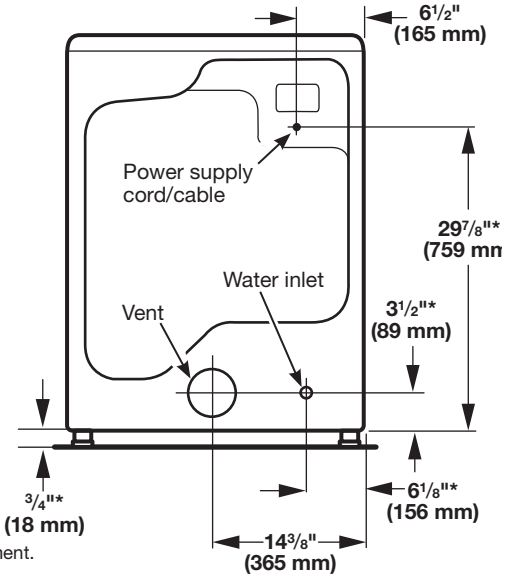
* Approx. measurement.

Side view:



Back view:

NOTE: Most installations require a minimum of 5" (127 mm) clearance behind dryer for exhaust vent with elbow. See "Venting Requirements".



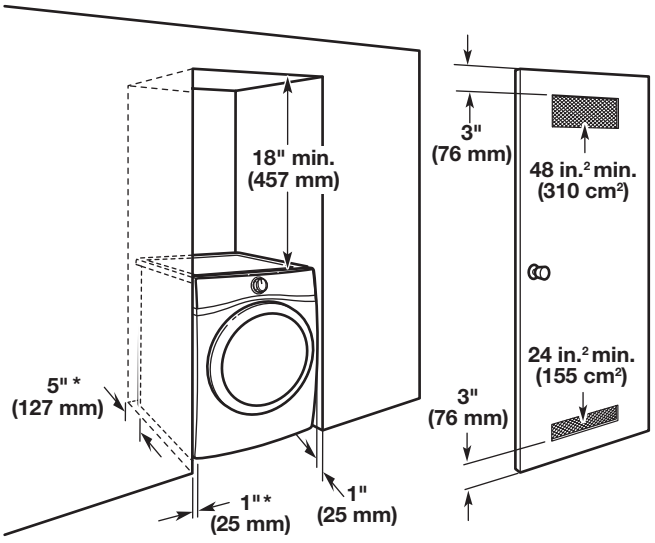
* Approx. measurement.

Installation spacing for recessed area or closet installation

All dimensions show recommended and minimum spacing allowed.

- Additional spacing should be considered for ease of installation and servicing.
- Additional clearances might be required for wall, door, floor moldings, and dryer venting.
- Additional spacing should be considered on all sides of the dryer to reduce noise transfer.
- For closet installation, with a door, minimum ventilation openings in the top and bottom of the door are required. Louvered doors with equivalent ventilation openings are acceptable.
- Companion appliance spacing should also be considered.

Recommended installation clearances (dryer only):



* 0" (0 mm) spacing is allowed.

Mobile home - Additional installation requirements:

This dryer is suitable for mobile home installations. The installation must conform to the Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280 (formerly the Federal Standard for Mobile home construction and Safety, Title 24, HUD Part 280) or Standard CAN/CSA-Z240 MH.

Mobile home installations require:

- Metal exhaust system hardware, available for purchase from your dealer. For further information, see “Assistance or Service” section in your “Use and Care Guide”.
- Special provisions must be made in mobile homes to introduce outside air into dryer. Openings (such as a nearby window) should be at least twice as large as dryer exhaust opening.

ELECTRICAL REQUIREMENTS

It is your responsibility:

- To contact a qualified electrical installer.
- To be sure that the electrical connection is adequate and in conformance with the National Electrical Code, ANSI/NFPA 70 - latest edition and all local codes and ordinances.

  The National Electrical Code requires a 4-wire power supply connection for homes built after 1996, dryer circuits involved in remodeling after 1996, and all mobile home installations.

  A copy of the above code standards can be obtained from: National Fire Protection Association, One Batterymarch Park, Quincy, MA 02269.
- To supply the required 3 or 4 wire, single phase, 120/240 volt, 60 Hz, AC only electrical supply (or 3 or 4 wire, 120/208 volt electrical supply, if specified on the serial/rating plate) on a separate 30-amp circuit, fused on both sides of the line. Connect to an individual branch circuit. Do not have a fuse in the neutral or grounding circuit.
- Do not use an extension cord.
- If codes permit and a separate ground wire is used, it is recommended that a qualified electrician determine that the ground path is adequate.

Electrical Connection

To properly install your dryer, you must determine the type of electrical connection you will be using and follow the instructions provided for it here.

- This dryer is manufactured ready to install with a 3-wire electrical supply connection. The neutral ground conductor is permanently connected to the neutral conductor (white wire) within the dryer. If the dryer is installed with a 4-wire electrical supply connection, the neutral ground conductor must be removed from the external ground connector (green screw), and secured under the neutral terminal (center or white wire) of the terminal block. When the neutral ground conductor is secured under the neutral terminal (center or white wire) of the terminal block, the dryer cabinet is isolated from the neutral conductor. The green ground wire of the 4-wire power cord must be secured to the dryer cabinet with the green ground screw.
- If local codes do not permit the connection of a neutral ground wire to the neutral wire, see “Optional 3-wire connection” section.
- A 4-wire power supply connection must be used when the appliance is installed in a location where grounding through the neutral conductor is prohibited. Grounding through the neutral is prohibited for (1) new branch-circuit installations after 1996, (2) mobile homes, (3) recreational vehicles, and (4) areas where local codes prohibit grounding through the neutral conductors.

If using a power supply cord:

Use a UL listed power supply cord kit marked for use with clothes dryers. The kit should contain:

- A UL listed 30-amp power supply cord, rated 120/240 volt minimum. The cord should be type SRD or SRDT and be at least 4 ft. (1.22 m) long. The wires that connect to the dryer must end in ring terminals or spade terminals with upturned ends.
- A UL listed strain relief.

If your outlet looks like this:

4-wire receptacle (14-30R)

Then choose a 4-wire power supply cord with ring or spade terminals and UL listed strain relief. The 4-wire power supply cord, at least 4 ft. (1.22 m) long, must have four 10-gauge copper wires and match a 4-wire receptacle of NEMA Type 14-30R. The ground wire (ground conductor) may be either green or bare. The neutral conductor must be identified by a white cover.

3-wire receptacle (10-30R)

Then choose a 3-wire power supply cord with ring or spade terminals and UL listed strain relief. The 3-wire power supply cord, at least 4 ft. (1.22 m) long, must have three 10-gauge copper wires and match a 3-wire receptacle of NEMA Type 10-30R.

If connecting by direct wire:

Power supply cable must match power supply (4-wire or 3-wire) and be:

- Flexible armored cable or nonmetallic sheathed copper cable (with ground wire), covered with flexible metallic conduit. All current-carrying wires must be insulated.
- 10-gauge solid copper wire (do not use aluminum) at least 5 ft. (1.52 m) long.

GROUNDING INSTRUCTIONS

- For a grounded, cord-connected dryer:

This dryer must be grounded. In the event of malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for electric current. This dryer uses a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

- For a permanently connected dryer:

This dryer must be connected to a grounded metal, permanent wiring system, or an equipment-grounding conductor must be run with the circuit conductors and connected to the equipment-grounding terminal or lead on the dryer.

WARNING: Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service representative or personnel if you are in doubt as to whether the dryer is properly grounded. Do not modify the plug on the power supply cord: if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

SAVE THESE INSTRUCTIONS

INSTALL LEVELING LEGS

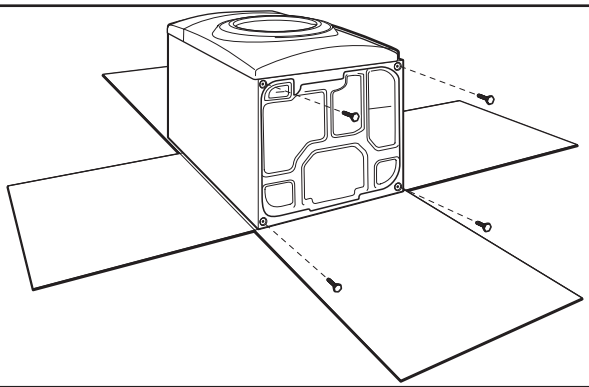
⚠ WARNING

Excessive Weight Hazard

Use two or more people to move and install dryer.

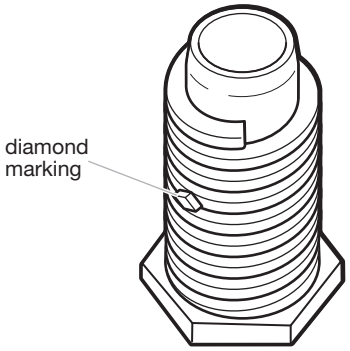
Failure to do so can result in back or other injury.

1. Prepare dryer for leveling legs



To avoid damaging floor, use a large flat piece of cardboard from dryer carton; place under entire back edge of dryer. Firmly grasp dryer body (not console panel) and gently lay dryer down on cardboard.

2. Screw in leveling legs



Examine leveling legs, find diamond marking. Screw legs into leg holes by hand, use a wrench to finish turning legs until diamond marking is no longer visible.

Place a carton corner post from dryer packaging under each of the 2 dryer back corners. Stand the dryer up. Slide the dryer on the corner posts until it is close to its final location. Leave enough room to connect the exhaust vent.

ELECTRIC INSTALLATION

For power supply cord installations:

⚠ WARNING

Fire Hazard

Use a new UL listed 30 amp power supply cord.

Use a UL listed strain relief.

Disconnect power before making electrical connections.

Connect neutral wire (white or center wire) to center terminal (silver).

Ground wire (green or bare wire) must be connected to green ground connector.

Connect remaining 2 supply wires to remaining 2 terminals (gold).

Securely tighten all electrical connections.

Failure to do so can result in death, fire, or electrical shock.

For direct wire installations:

⚠ WARNING

Fire Hazard

Use 10 gauge copper wire.

Use a UL listed strain relief.

Disconnect power before making electrical connections.

Connect neutral wire (white or center wire) to center terminal (silver).

Ground wire (green or bare wire) must be connected to green ground connector.

Connect remaining 2 supply wires to remaining 2 terminals (gold).

Securely tighten all electrical connections.

Failure to do so can result in death, fire, or electrical shock.

Before you start: disconnect power.

1. Choose electrical connection type

Power supply cord 4-wire receptacle (NEMA Type 14-30R).
Go to Power Supply Cord Connection.

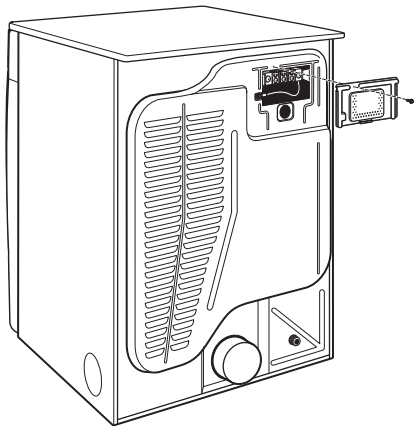
Power supply cord 3-wire receptacle (NEMA Type 10-30R).
Go to Power Supply Cord Connection.

4-wire direct connection:
Go to Direct Wire Connection.

3-wire direct connection:
Go to Direct Wire Connection.

NOTE: If local codes do not permit connection of a cabinet-ground conductor to neutral wire, go to “Optional 3-wire connection”. This connection may be used with either a power supply cord or a direct wire connection.

2. Remove terminal block cover

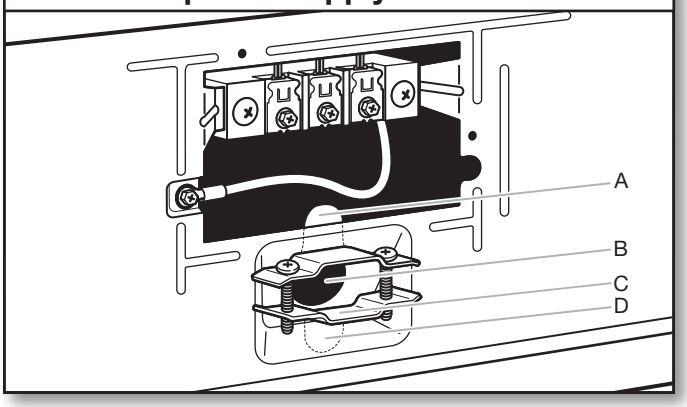


Remove hold-down screw and terminal block cover.

Power Supply Cord Connection

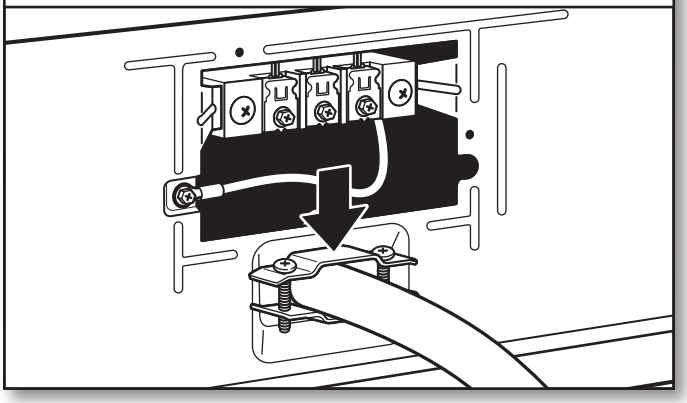
Power supply cord strain relief:

1. Attach power supply cord strain relief



Remove the screws from a 3/4" (19 mm) UL listed strain relief (UL marking on strain relief). Put the tabs of the two clamp sections (C) into the hole below the terminal block opening (B) so that one tab is pointing up (A) and the other is pointing down (D), and hold in place. Tighten strain relief screws just enough to hold the two clamp sections (C) together.

2. Attach power supply cord to strain relief



Put power supply cord through the strain relief. Be sure that the wire insulation on the power supply cord is inside the strain relief. The strain relief should have a tight fit with the dryer cabinet and be in a horizontal position. Do not further tighten strain relief screws at this point.

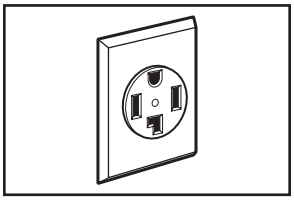
If your outlet looks like this:

Power supply cord 4-wire receptacle (NEMA Type 14-30R):
Go to “4-Wire Power Supply Cord Connection” on this page.

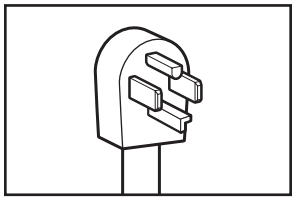
Power supply cord 3-wire receptacle (NEMA Type 10-30R):
Go to “3-Wire Power Supply Cord Connection” on page 9.

4-Wire Power Supply Cord Connection

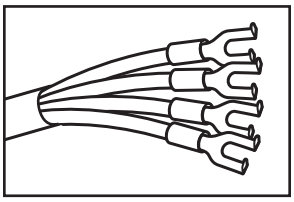
IMPORTANT: A 4-wire connection is required for mobile homes and where local codes do not permit the use of 3-wire connections.



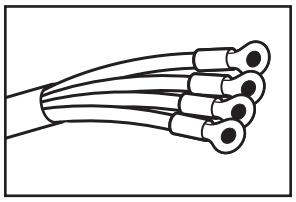
4-wire receptacle (NEMA type 14-30R)



4-prong plug

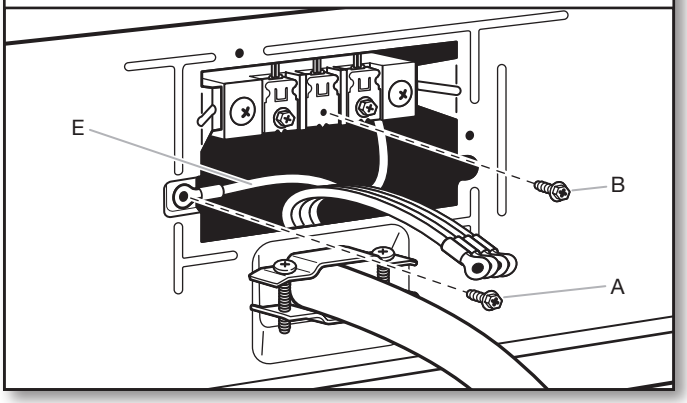


Spade terminals with upturned ends



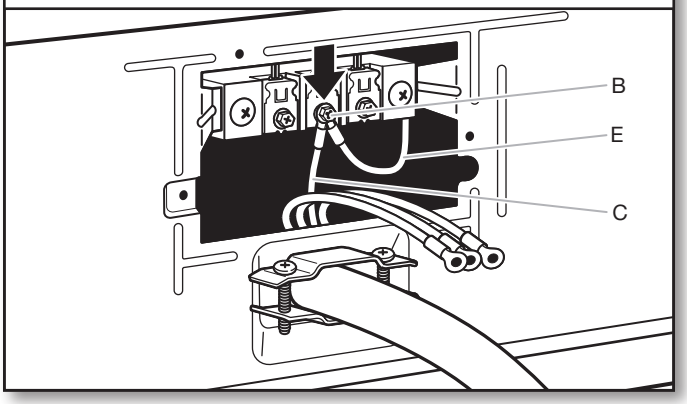
Ring terminals

1. Prepare to connect neutral ground wire and neutral wire



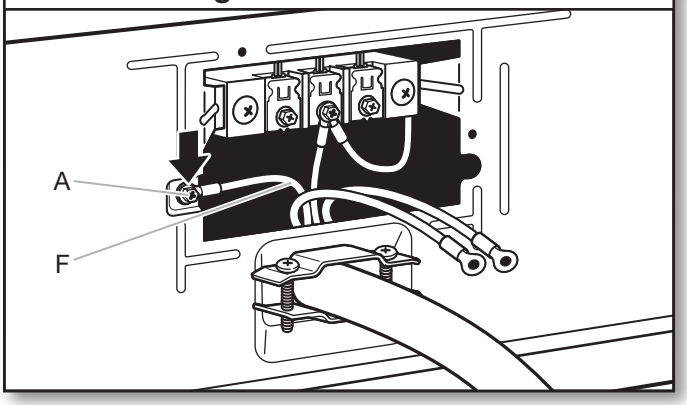
Remove center terminal block screw (B). Remove neutral ground wire (E) from green external ground conductor screw (A).

2. Connect neutral ground wire and neutral wire



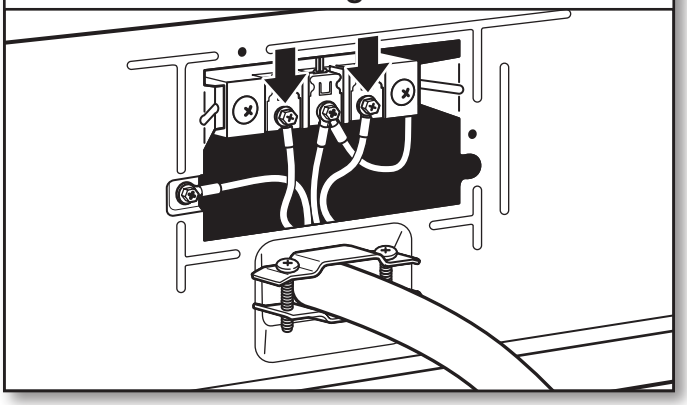
Connect neutral ground wire (E) and neutral wire (white or center) (C) of power supply cord under center terminal block screw (B). Tighten screw.

3. Connect ground wire



Connect ground wire (F) (green or bare) of power supply cord under green external ground conductor screw (A). Tighten screw.

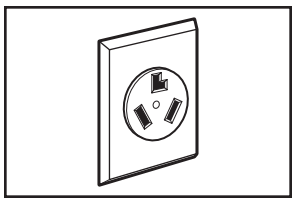
4. Connect remaining wires



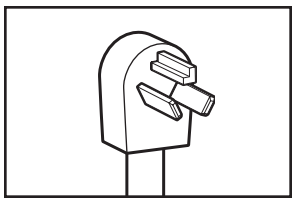
Connect remaining wires under outer terminal block screws. Tighten screws. Finally, reinsert tab of terminal block cover into slot of dryer rear panel. Secure cover with hold-down screw. Now, go to “Venting Requirements”.

3-Wire Power Supply Cord Connection

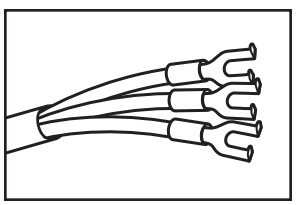
Use where local codes permit connecting cabinet-ground conductor to neutral wire.



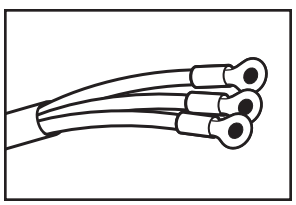
3-wire receptacle (NEMA type 10-30R)



3-prong plug

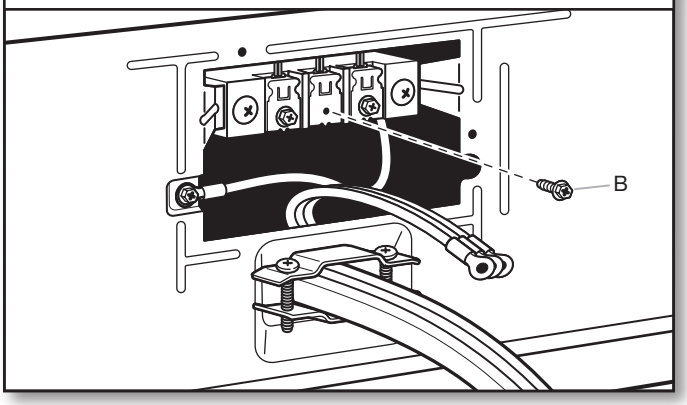


Spade terminals with upturned ends



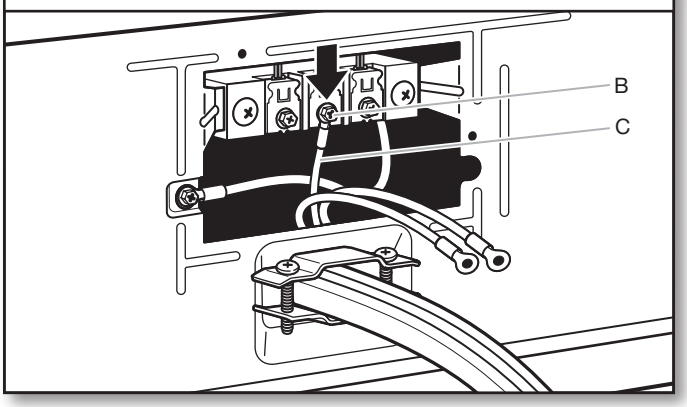
Ring terminals

1. Remove center screw



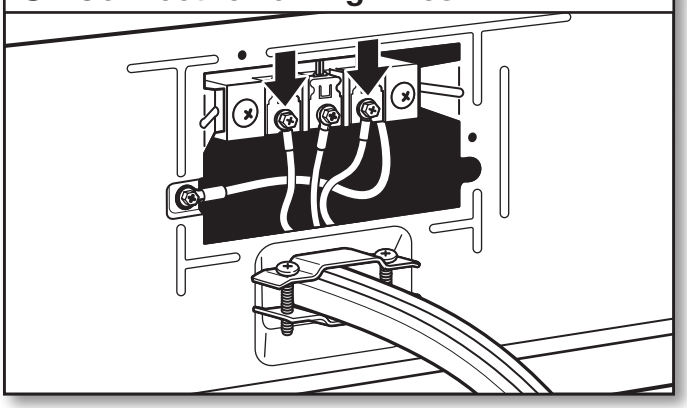
Remove center terminal block screw (B).

2. Connect neutral wire



Connect neutral wire (white or center) (C) of power supply cord under center terminal block screw (B). Tighten screw.

3. Connect remaining wires

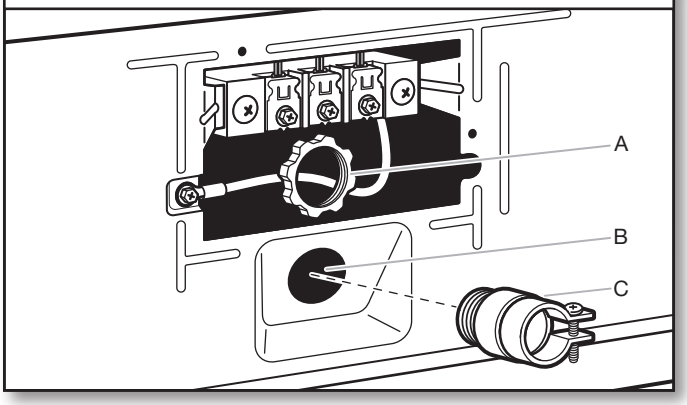


Connect remaining wires under outer terminal block screws. Tighten screws. Finally, reinsert tab of terminal block cover into slot of dryer rear panel. Secure cover with hold-down screw. Now, go to “Venting Requirements”.

Direct Wire Connection

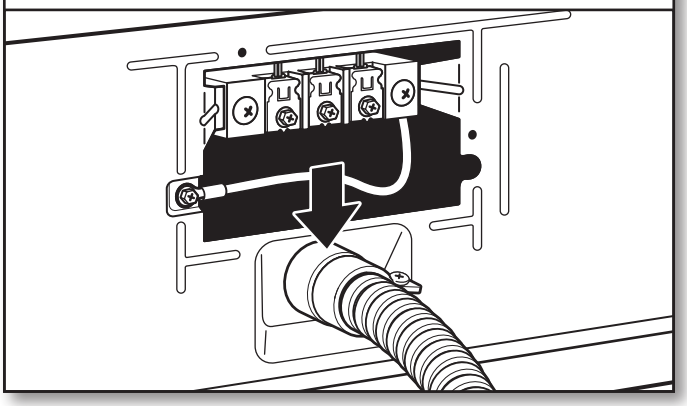
Direct wire strain relief

1. Attach direct wire strain relief



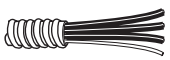
Unscrew the removable conduit connector (A) and any screws from a 3/4" (19 mm) UL listed strain relief (UL marking on strain relief). Put the threaded section of the strain relief (C) through the hole below the terminal block opening (B). Reaching inside the terminal block opening, screw the removable conduit connector (A) onto the strain relief threads and tighten securely.

2. Attach direct wire cable to strain relief



Put direct wire cable through the strain relief. The strain relief should have a tight fit with the dryer cabinet and be in a horizontal position. Tighten strain relief screw against the direct wire cable.

If your wiring looks like this:



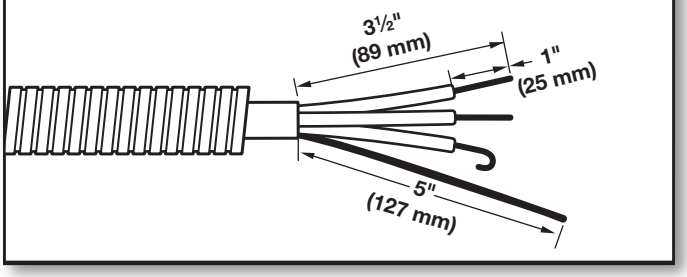
4-wire direct connection:
Go to "4-Wire Direct Wire Connection" on this page.

3-wire direct connection:
Go to "3-Wire Direct Wire Connection" on page 11.

4-Wire Direct Wire Connection

IMPORTANT: A 4-wire connection is required for mobile homes and where local codes do not permit 3-wire connections.

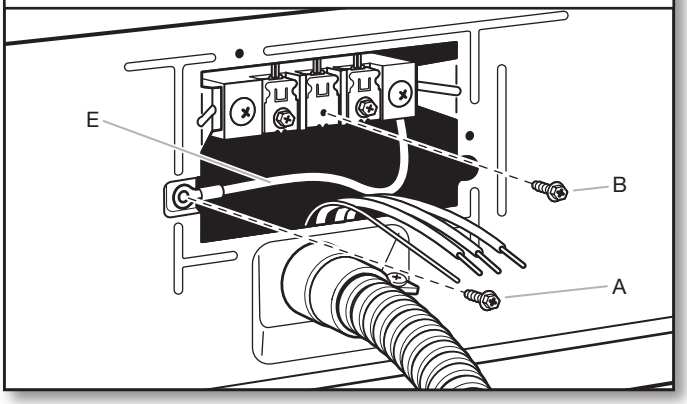
1. Prepare your 4-wire cable for direct connection



Direct wire cable must have 5 ft. (1.52 m) of extra length so dryer may be moved if needed.

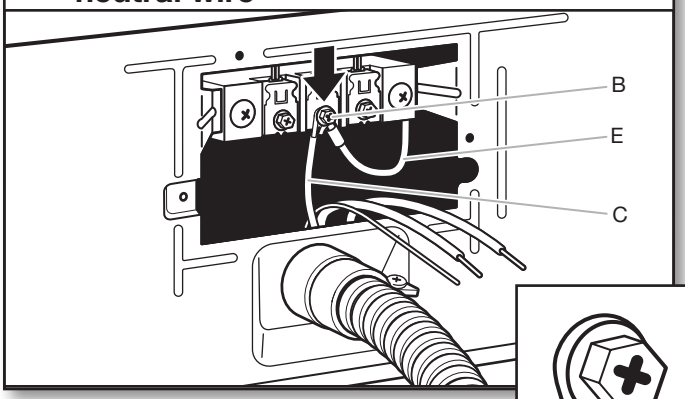
Strip 5" (127 mm) of outer covering from end of cable, leaving bare ground wire at 5" (127 mm). Cut 1½" (38 mm) from remaining 3 wires. Strip insulation back 1" (25 mm). Shape ends of wires into hooks.

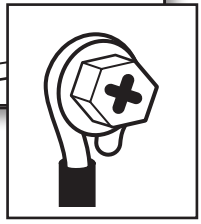
2. Prepare to connect neutral ground wire and neutral wire



Remove center terminal block screw (B). Remove neutral ground wire (E) from green external ground conductor screw (A).

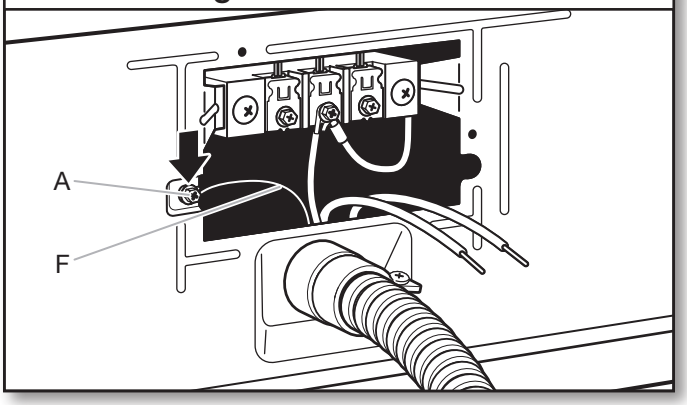
3. Connect neutral ground wire and neutral wire





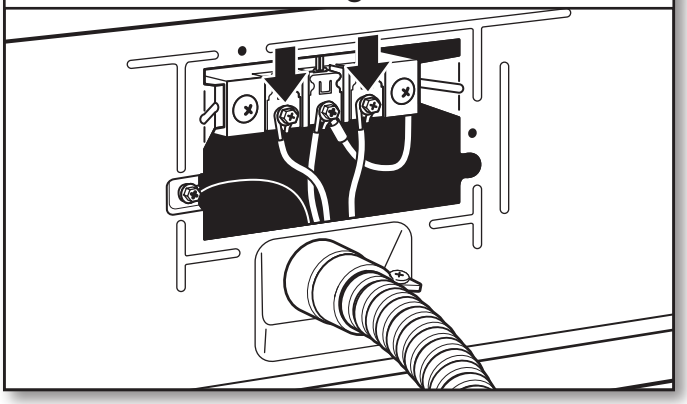
Connect neutral ground wire (E) and place hooked end (hook facing right) of neutral wire (white or center wire) (C) of direct wire cable under center screw of terminal block (B). Squeeze hooked ends together and tighten screw.

4. Connect ground wire



Connect ground wire (green or bare) (F) of direct wire cable under green external ground conductor screw (A). Tighten screw.

5. Connect remaining wires

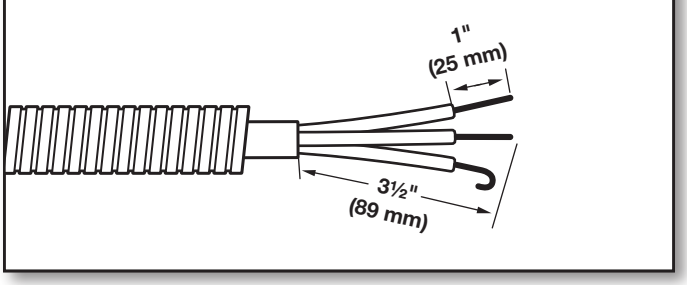


Place hooked ends of remaining direct wire cable wires under outer terminal block screws (hooks facing right). Squeeze hooked ends together and tighten screws. Finally, reinsert tab of terminal block cover into slot of dryer rear panel. Secure cover with hold-down screw. Now, go to “Venting Requirements”.

3-Wire Direct Wire Connection

Use where local codes permit connecting cabinet-ground conductor to neutral wire.

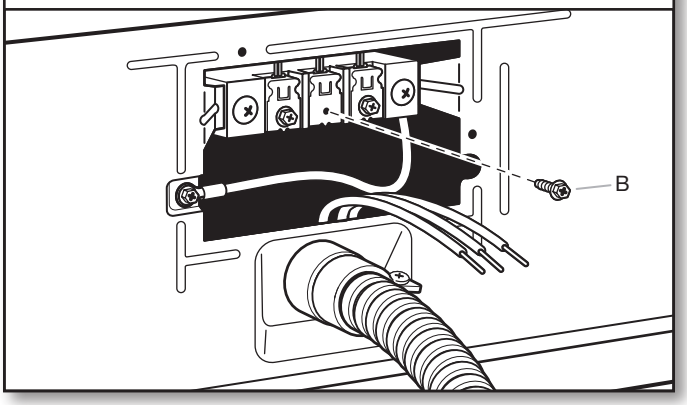
1. Prepare your 3-wire cable for direct connection



Direct wire cable must have 5 ft. (1.52 m) of extra length so dryer may be moved if needed.

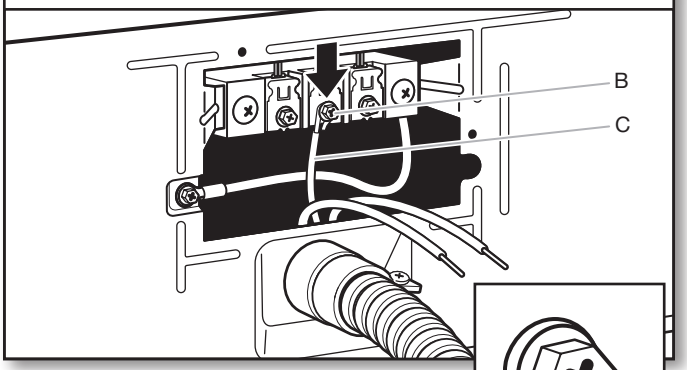
Strip 3½" (89 mm) of outer covering from end of cable. Strip insulation back 1" (25 mm). If using 3-wire cable with ground wire, cut bare wire even with outer covering. Shape wire ends into hooks.

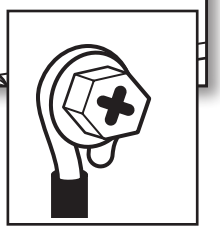
2. Remove center screw



Remove center terminal block screw (B).

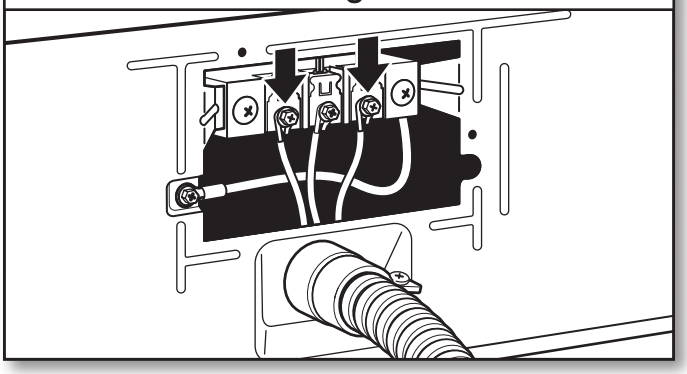
3. Connect neutral wire





Place hooked end of neutral wire (white or center) (C) of direct wire cable under center terminal block screw (B), hook facing right. Squeeze hooked end together. Tighten screw.

4. Connect remaining wires

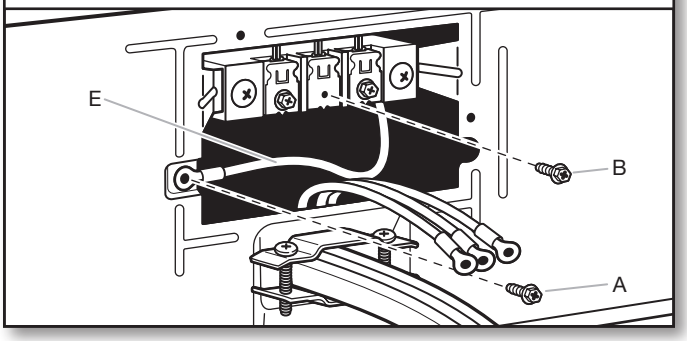


Place hooked ends of remaining direct wire cable wires under outer terminal block screws (hooks facing right). Squeeze hooked ends together and tighten screws. Finally, reinsert tab of terminal block cover into slot of dryer rear panel. Secure cover with hold-down screw. Now, go to “Venting Requirements”.

Optional External Ground for 3-Wire Connection (Power Supply Cord Shown)

IMPORTANT: You must verify with a qualified electrician that this grounding method is acceptable before connecting.

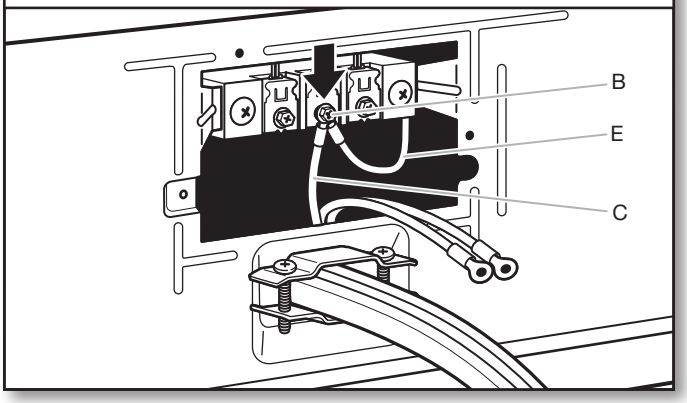
1. Prepare to connect neutral ground wire and neutral wire



Install the correct strain relief for your electrical connection method, as shown on page 8 or 10.

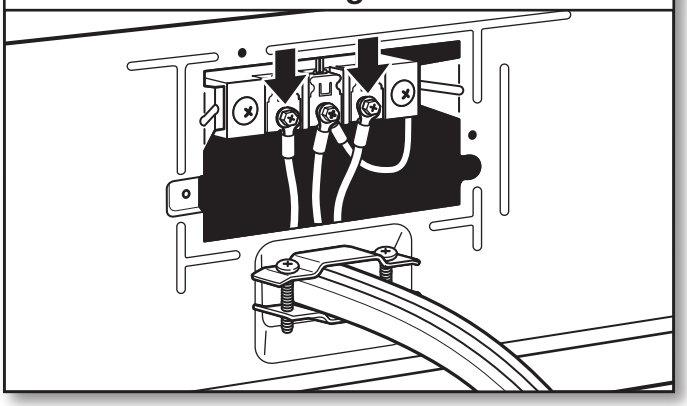
Remove center terminal block screw (B). Remove neutral ground wire (E) from green external ground conductor screw (A).

2. Connect neutral ground wire and neutral wire



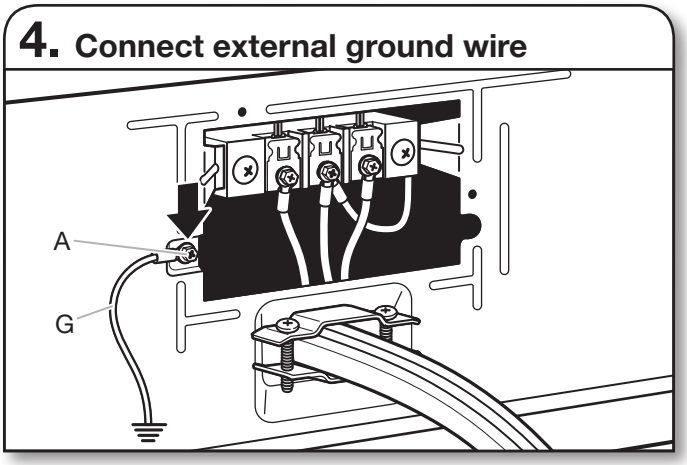
Connect neutral ground wire (E) and neutral wire (white or center wire) (C) of power supply cord or cable under center, terminal block screw (B). Tighten screw.

3. Connect remaining wires



Place ends of remaining wires under outer terminal block screws. Tighten screws.

4. Connect external ground wire



Connect a separate copper ground wire (G) under the green external ground conductor screw (A) to an adequate ground. Finally, reinsert tab of terminal block cover into slot of dryer rear panel. Secure cover with hold-down screw. Now, go to "Venting Requirements".

VENTING

Venting Requirements

⚠ WARNING

Fire Hazard

Use a heavy metal vent.

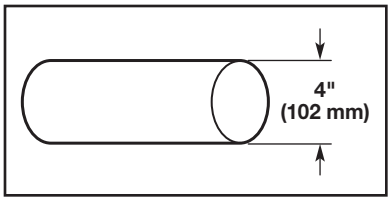
Do not use a plastic vent.

Do not use a metal foil vent.

Failure to follow these instructions can result in death or fire.

WARNING: To reduce the risk of fire, this dryer MUST BE EXHAUSTED OUTDOORS.

IMPORTANT: Observe all governing codes and ordinances. Dryer exhaust must not be connected into any gas vent, chimney, wall, ceiling, attic, crawlspace, or a concealed space of a building. Only rigid or flexible metal vent shall be used for exhausting.



4" (102 mm) heavy metal exhaust vent

- Only a 4" (102 mm) heavy metal exhaust vent and clamps may be used.
- Do not use plastic or metal foil vent.

Rigid metal vent:

- Recommended for best drying performance and to avoid crushing and kinking.

Flexible metal vent: (Acceptable only if accessible to clean)

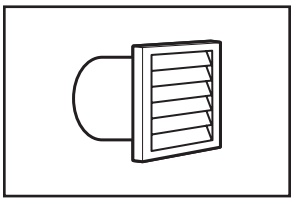
- Must be fully extended and supported in final dryer location.
- Remove excess to avoid sagging and kinking that may result in reduced airflow and poor performance.
- Do not install in enclosed walls, ceilings, or floors.
- The total length should not exceed 7 3/4 ft. (2.4 m).
- The length of flexible metal vent used must be included in the overall vent system design as shown in the "Vent System Chart".

NOTE: If using an existing vent system, clean lint from entire length of the system and make sure exhaust hood is not plugged with lint. Replace plastic or metal foil vents with rigid metal or flexible metal vents. Review "Vent System Chart" and if necessary, modify existing vent system to achieve best drying performance.

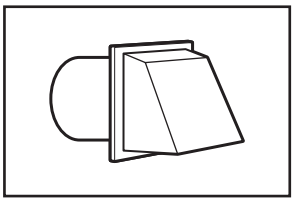
Exhaust hoods:

- An exhaust hood should cap the vent to keep rodents and insects from entering the home.
- Must be at least 12" (305 mm) from ground or any object that may obstruct exhaust (such as flowers, rocks, bushes, or snow).
- Do not use an exhaust hood with a magnetic latch.

Recommended Styles:

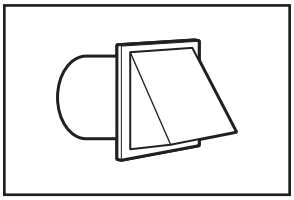


Louvered Hood



Box Hood

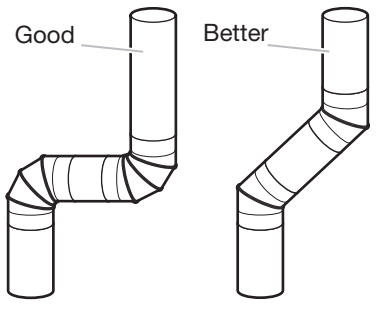
Acceptable Style:



Angled Hood

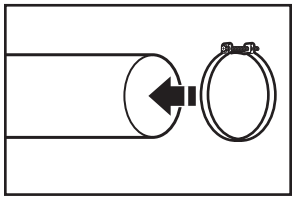
Elbows:

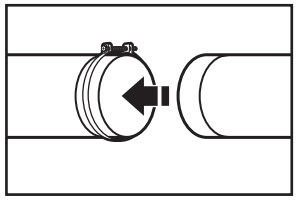
- 45° elbows provide better airflow than 90° elbows.



Clamps:

- Use clamps to seal all joints.
- Exhaust vent must not be connected or secured with screws or other fastening devices that extend into interior of duct and catch lint. Do not use duct tape.





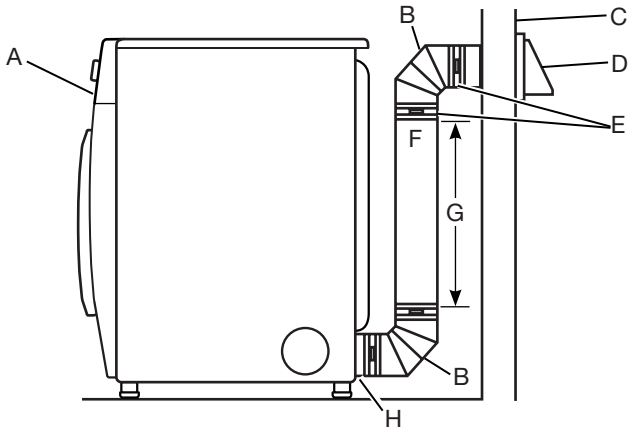
Improper venting can cause moisture and lint to collect indoors, which may result in:

- Moisture damage to woodwork, furniture, paint, wallpaper, carpets, etc.
- Housecleaning problems and health problems.

Plan Vent System

Choose your exhaust installation type

Recommended exhaust installation:



A. Dryer
B Elbow
C. Wall
D. Exhaust hood
E. Clamps
F. Rigid metal or flexible metal vent
G. Vent length necessary to connect elbows
H. Exhaust outlet

⚠WARNING

Fire Hazard

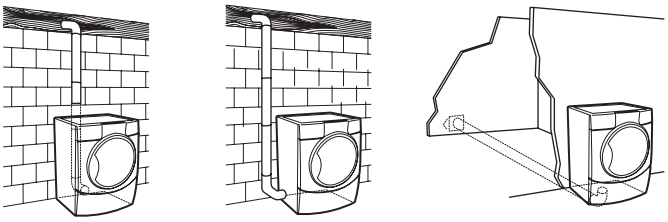
Cover unused exhaust holes with a manufacturer's exhaust cover kit.

Contact your local dealer.

Failure to follow these instructions can result in death, fire, electrical shock, or serious injury.

Optional exhaust installations:

This dryer can be converted to exhaust out the right side, left side, or through the bottom. If you prefer, you may contact your local dealer to have the dryer converted.

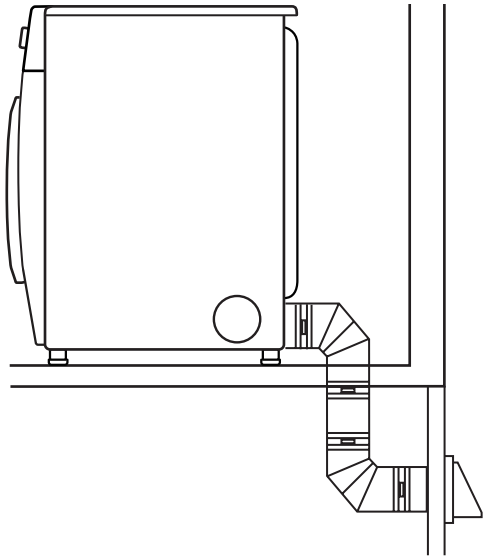


A B C

A. Standard rear offset exhaust installation
B. Left or right side exhaust installation
C. Bottom exhaust installation

Special provisions for mobile homes:

Exhaust vent must be securely fastened to a noncombustible portion of mobile home and must not terminate beneath the mobile home. Terminate exhaust vent outside.



Determine vent path:

- Select route that will provide straightest and most direct path outdoors.
- Plan installation to use fewest number of elbows and turns.
- When using elbows or making turns, allow as much room as possible.
- Bend vent gradually to avoid kinking.
- Use as few 90° turns as possible.

Determine vent length and elbows needed for best drying performance:

- Use the following "Vent System Chart" to determine type of vent material and hood combinations acceptable to use.

  NOTE: Do not use vent runs longer than those specified in "Vent System Chart".

  Exhaust systems longer than those specified will:

  - Shorten life of dryer.
  - Reduce performance, resulting in longer drying times and increased energy usage.

The "Vent System Chart" provides venting requirements that will help achieve best drying performance.

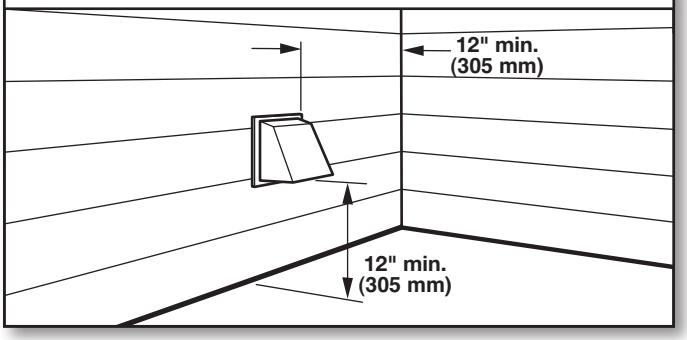
Vent System Chart

Number of 90° elbows	Type of vent	Box/louvered hoods	Angled hoods
0	**Rigid metal**	64 ft. (20 m)	58 ft. (17.7 m)
1	**Rigid metal**	54 ft. (16.5 m)	48 ft. (14.6 m)
2	**Rigid metal**	44 ft. (13.4 m)	38 ft. (11.6 m)
3	**Rigid metal**	35 ft. (10.7 m)	29 ft. (8.8 m)
4	**Rigid metal**	27 ft. (8.2 m)	21 ft. (6.4 m)

NOTE: Side and bottom exhaust installations have a 90° turn inside the dryer. To determine maximum exhaust length, add one 90° turn to the chart.

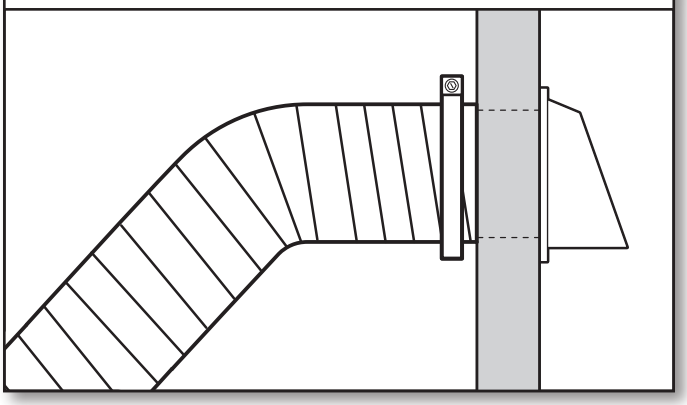
Install Vent System

1. Install exhaust hood



Install exhaust hood and use caulking compound to seal exterior wall opening around exhaust hood.

2. Connect vent to exhaust hood



Vent must fit over the exhaust hood. Secure vent to exhaust hood with 4" (102 mm) clamp. Run vent to dryer location using straightest path possible. Avoid 90° turns. Use clamps to seal all joints. Do not use duct tape, screws, or other fastening devices that extend into interior of vent to secure vent, because they can catch lint.

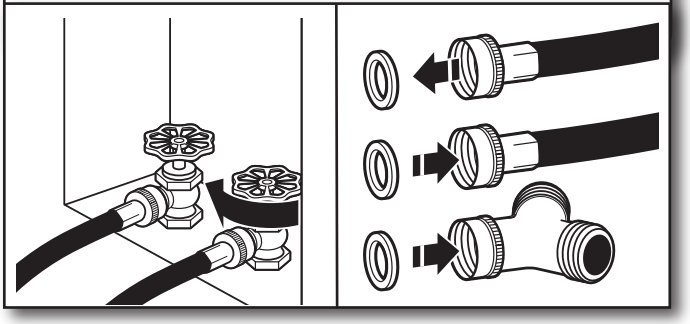
CONNECT INLET HOSE

The dryer must be connected to the cold water faucet using the new inlet hoses. Do not use old hoses.

NOTE: Replace inlet hoses after 5 years of use to reduce the risk of hose failure. Record hose installation or replacement dates on the hoses for future reference.

Periodically inspect and replace hoses if bulges, kinks, cuts, wear, or leaks are found.

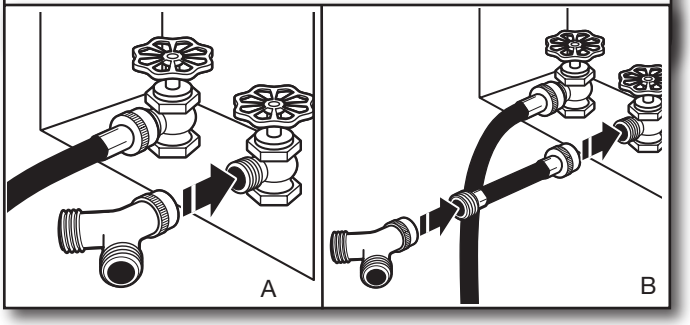
1. Turn cold water off, remove hose, and replace rubber washer



Turn cold water faucet off and remove washer inlet hose.

Check and see if rubber washer is in the “Y” connector. Remove old rubber washer from inlet hose and replace with new rubber washer provided.

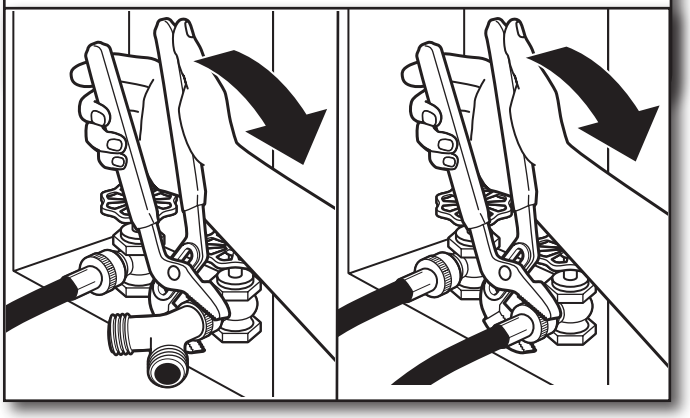
2. Attach short hose and “Y” connector



If space permits, attach the female end of the “Y” connector to the cold water faucet. See figure A.

If “Y” connector cannot be attached directly to the cold water faucet, the short hose must be used. See figure B. Attach short hose to cold water faucet. Screw on coupling by hand until it is seated on faucet. Then attach “Y” connector to male end of the short hose. Screw on coupling by hand until it is seated on connector.

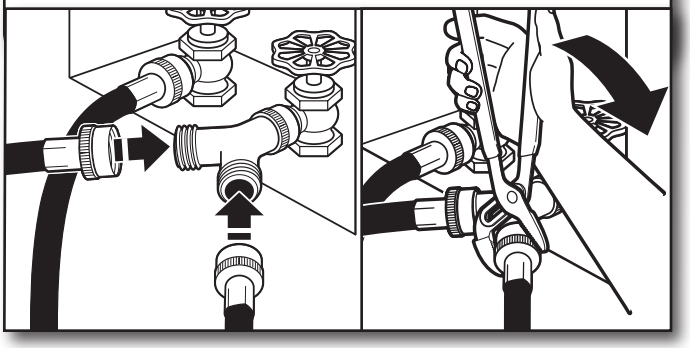
3. Tighten couplings



Using pliers, tighten the couplings with additional two-thirds turn.

NOTE: Do not overtighten. Damage to the coupling can result.

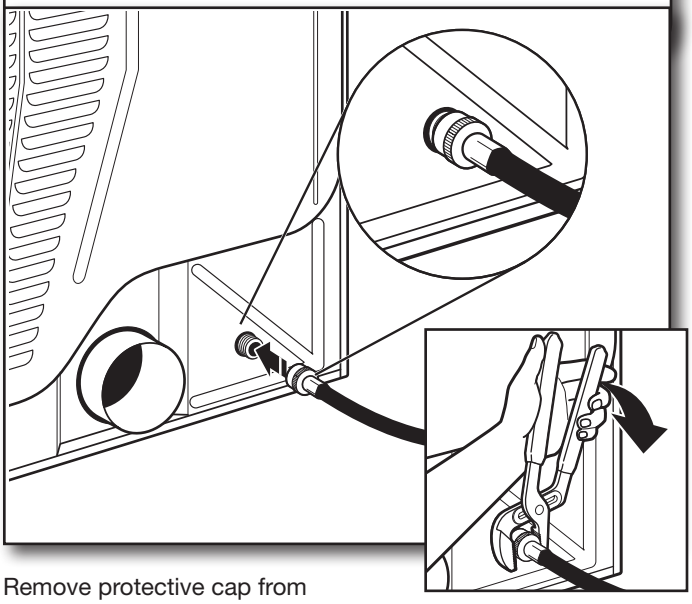
4. Attach long hose to “Y” connector and tighten couplings



One end of the long hose has a wire mesh strainer inside the coupling. Attach this end to the “Y” connector. Attach washer cold inlet hose to other side of “Y” connector. Screw on coupling by hand until it is seated on connector. Using pliers, tighten the couplings an additional two-thirds turn.

NOTE: Do not overtighten. Damage to the coupling can result.

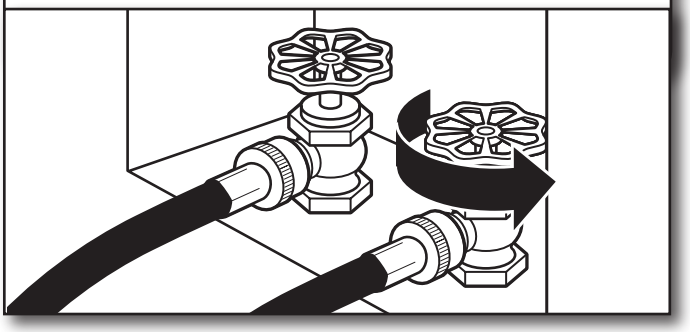
5. Attach long hose to dryer fill valve and tighten coupling



Remove protective cap from water inlet valve. Attach other end of long hose to fill valve at bottom of dryer back panel. Screw on coupling by hand until it is seated on fill valve connector. Using pliers, tighten the couplings an additional two-thirds turn.

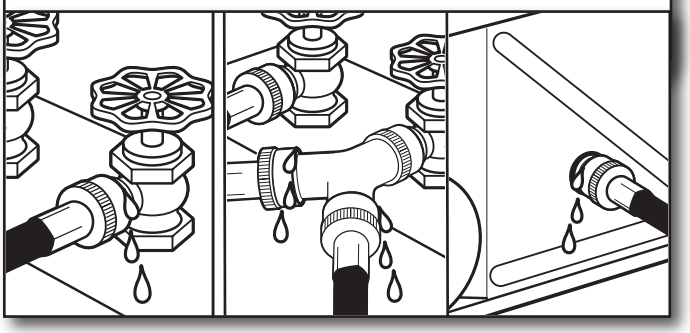
NOTE: Do not overtighten. Damage to the coupling can result.

6. Turn on cold water faucet



Check that the water faucets are turned on.

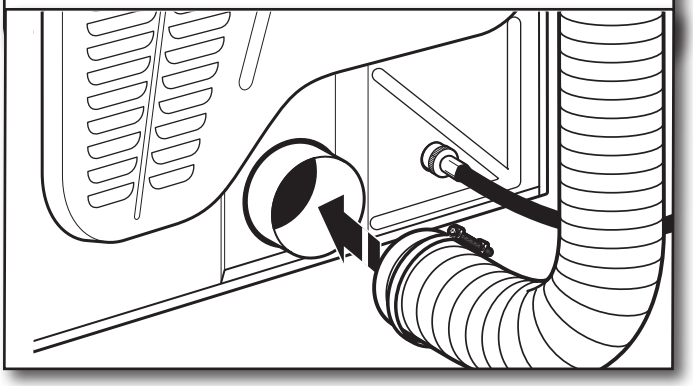
7. Check for leaks



Check for leaks around “Y” connector, faucet, and hoses.

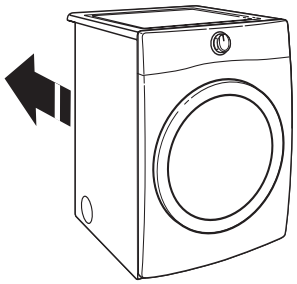
CONNECT VENT

1. Connect vent to exhaust outlet



Using a 4" (102 mm) clamp, connect vent to exhaust outlet in dryer. If connecting to existing vent, make sure vent is clean. Dryer vent must fit over dryer exhaust outlet and inside exhaust hood. Check that vent is secured to exhaust hood with a 4" (102 mm) clamp.

2. Move dryer to final location

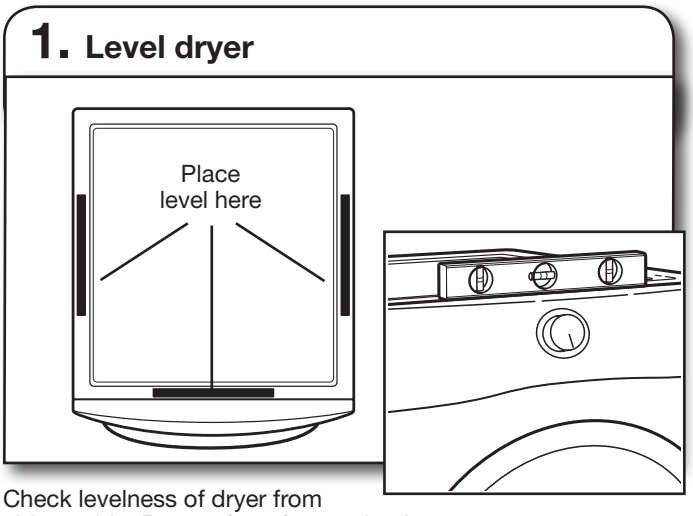


Move dryer to final location, taking care not to crush or kink vent.

After dryer is in place, remove corner posts and cardboard from under dryer.

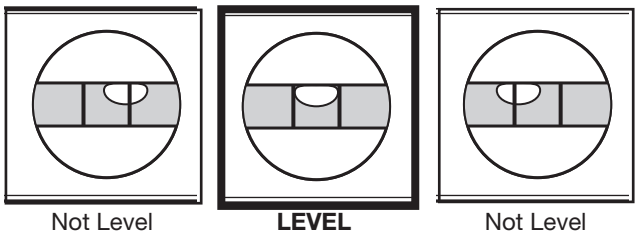
LEVEL DRYER

1. Level dryer



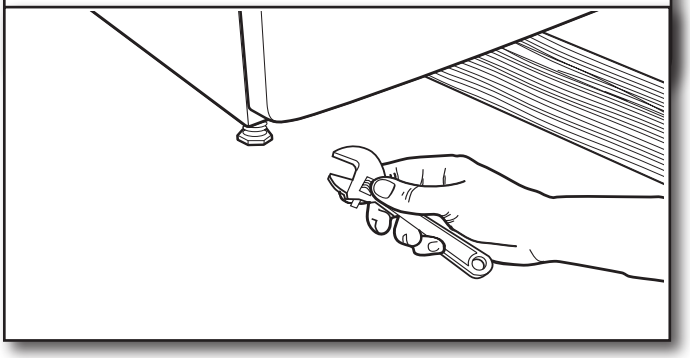
Check levelness of dryer from side to side. Repeat from front to back.

NOTE: The dryer must be level for the moisture sensing system to operate correctly.



Not Level **LEVEL** Not Level

2. Adjust leveling legs



If dryer is not level, prop up using a wood block, use wrench to adjust legs up or down, and check again for levelness. Once dryer is level, make sure all four legs are snug against the floor and dryer does not rock.

COMPLETE INSTALLATION CHECKLIST

- ❑ Check that all parts are now installed. If there is an extra part, go back through steps to see what was skipped.
- ❑ Check that you have all of your tools.
- ❑ Dispose of/recycle all packaging materials.
- ❑ Be sure the water faucets are on.
- ❑ Check for leaks around “Y” connector, faucet, and hoses.
- ❑ Check dryer’s final location. Be sure vent is not crushed or kinked.
- ❑ Check that dryer is level. See “Level Dryer”.
- ❑ Remove film on console and any tape remaining on dryer.
- ❑ Wipe dryer drum interior thoroughly with a damp cloth to remove any dust.
- ❑ Read “Dryer Use” in your “Use and Care Guide”.
- ❑ For power supply cord installation, plug into a grounded outlet. For direct wire installation, turn on Power.
- ❑ If you live in a hard water area, use of a water softener is recommended to control the buildup of scale through the water system in the dryer. Over time, the buildup of lime scale may clog different parts of the water system, which will reduce product performance. Excessive scale buildup may lead to the need for certain part replacement or repair.
- ❑ Select a Time Dry heated cycle, and start dryer. Do not select Air Only Temperature setting.

  If dryer will not start, check the following:
  - Controls are set in a running or “On” position.
  - Start button has been pushed firmly.
  - Dryer is plugged into an outlet and/or electrical supply.
  - Household fuse is intact and tight, or circuit breaker has not tripped.
  - Dryer door is closed.

This dryer automatically runs an installation diagnostic routine at the start of its first cycle.

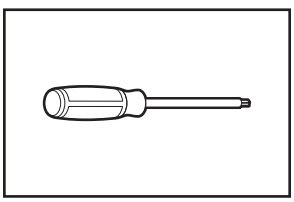
NOTE: You may notice an odor when dryer is first heated. This odor is common when heating element is first used. The odor will go away.

DOOR REVERSAL (OPTIONAL)

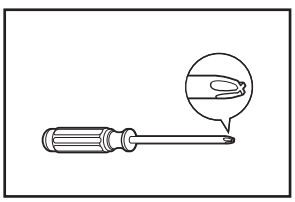
The following instructions are for models with a round-shaped door.

IMPORTANT: For models with a square shaped door, an additional kit is needed. Please contact your retailer, or see the “Assistance or Service” page in your “Use and Care Guide”.

Tools needed:



Min. 8" long Torx® † T25 screwdriver



#2 Phillips screwdriver

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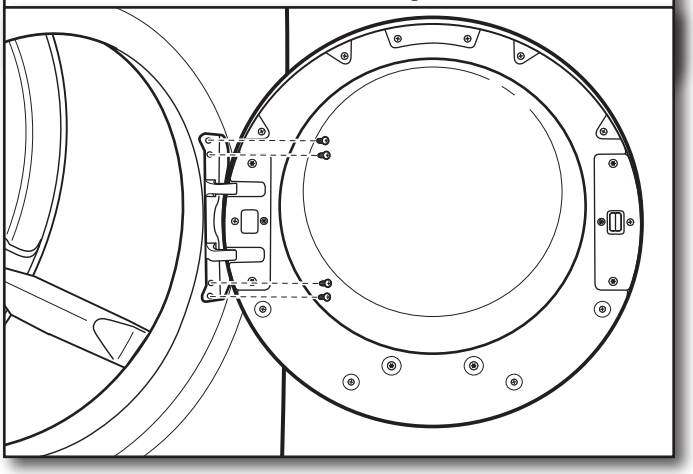
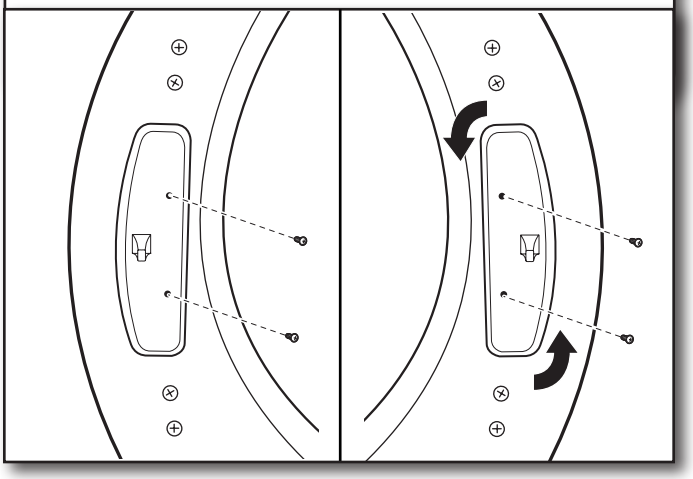
1. Remove door from dryer



IMPORTANT: If the protective film has not yet been removed from the dryer, peel the film from the dryer door before proceeding.

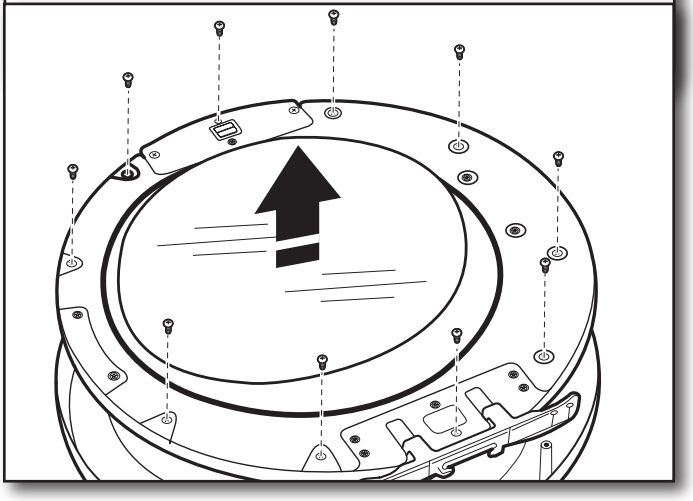
Using a Torx® † T25 screwdriver, remove the 4 screws securing the door hinge to the dryer and lift up and out to remove the door. Place the door on a soft towel or other non-scratch surface. Reinstall the 4 screws in the holes.

2. Move the door strike



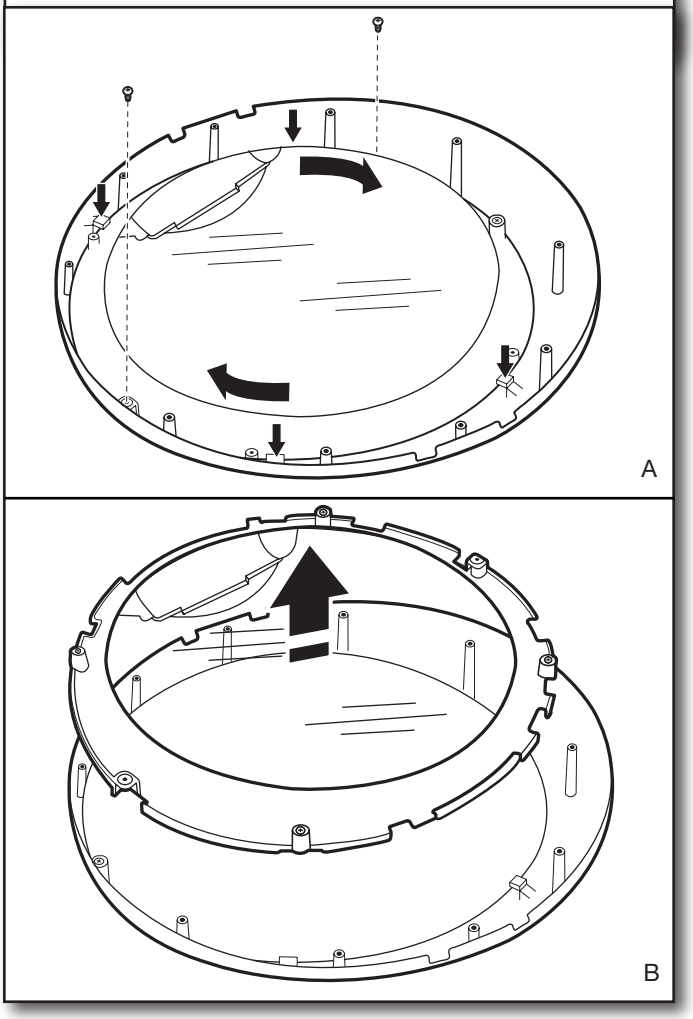
Using a Torx®† T25 screwdriver, remove the 2 screws securing the door strike to the door frame of the dryer. Rotate the strike 180° and attach to the opposite side of dryer door frame, as shown.

3. Remove inner door from outer door



Position the door with the inside of the door facing up. Using a Phillips screwdriver, remove the 10 screws securing the inner door to the outer door. Lift off the inner door and set aside.

4. Remove outer window assembly from trim ring



Using a Phillips screwdriver, remove the 2 screws from the outer window retainer and rotate the outer window assembly clockwise until the square notches line up with the 4 tabs on the trim ring indicated with arrows in the figure A above. Then lift out the outer window and retainer up and off the trim ring and set aside (B).

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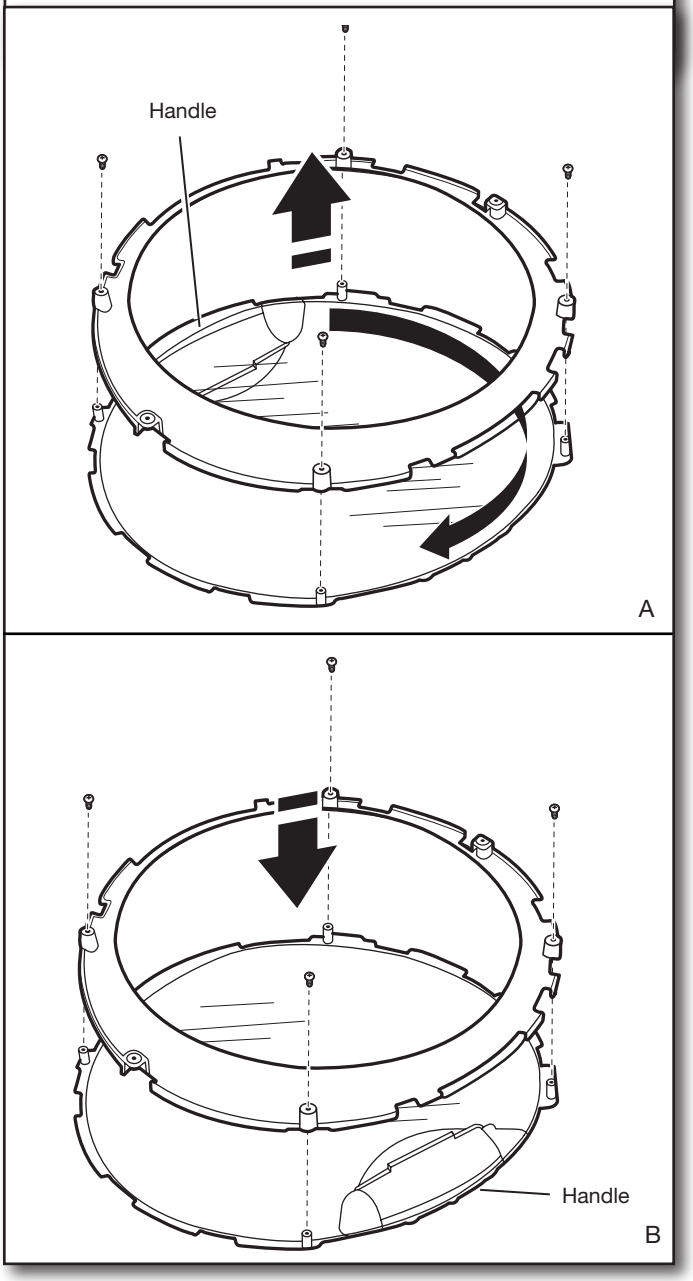
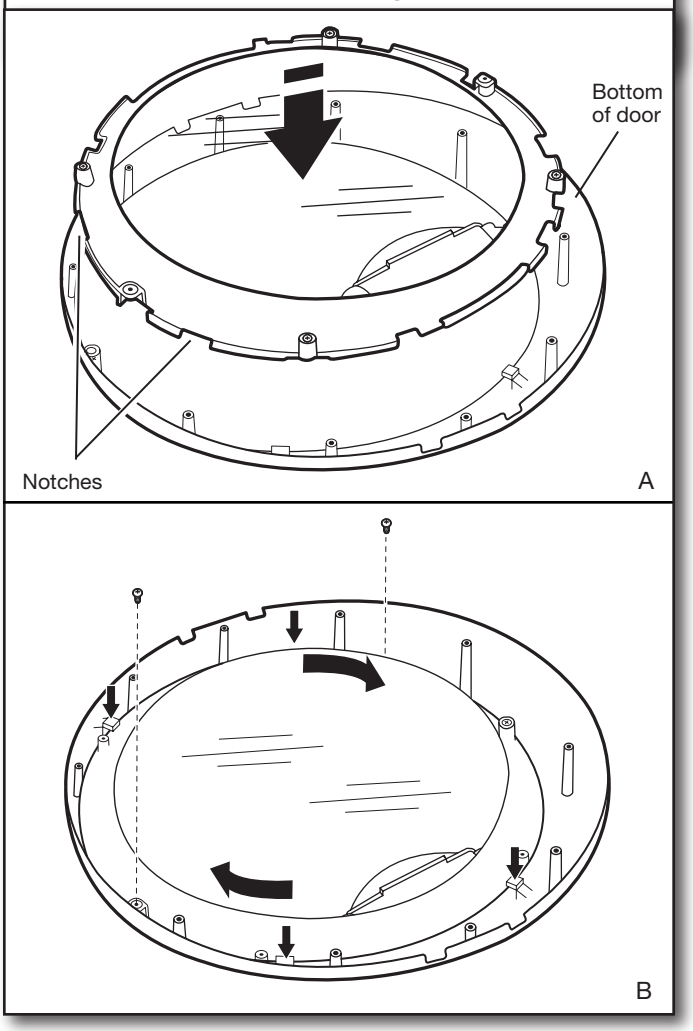
5. Reverse outer window assembly



Using a Phillips screwdriver, remove the 4 screws from the outer window retainer and lift off the trim ring off the window (A). Rotate trim ring 180° and secure with the 4 screws removed earlier (B).

6. Rotate and reassemble outer window assembly to trim ring

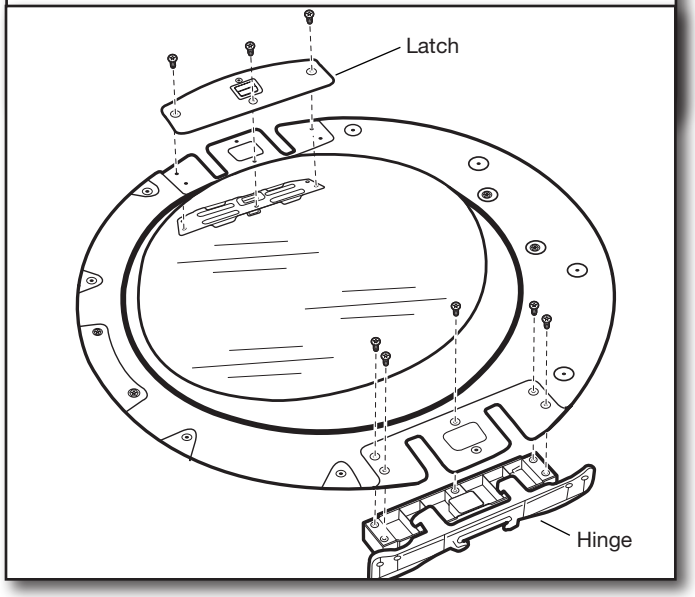


With the edge with 2 notches at the top, align the notches on the outer window assembly with the tabs on the trim ring and lower into place as shown in figure A.

Rotate the outer window assembly counterclockwise to lock tabs into place (figure B). Using a Phillips screwdriver, secure with 2 screws removed earlier.

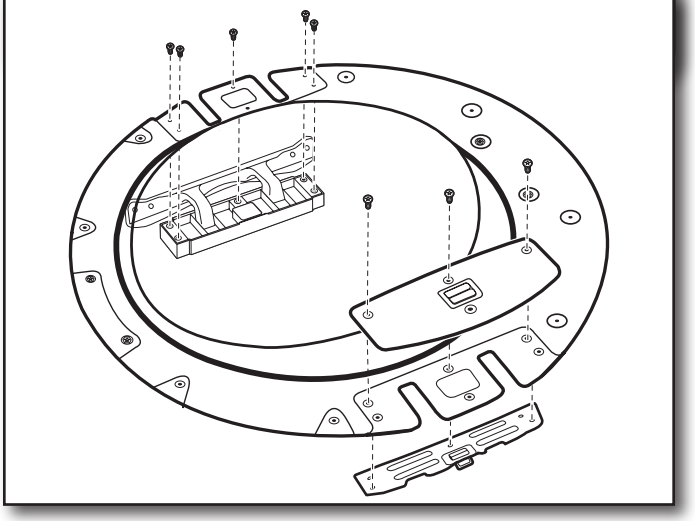
IMPORTANT: Do not overtighten.

7. Remove hinge and latch



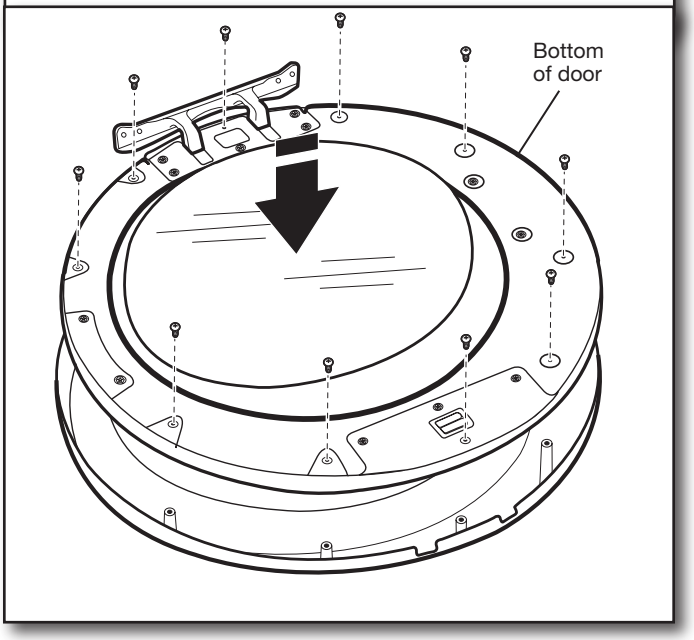
Using a Torx® † T25 screwdriver, remove the 3 Torx screws securing the latch plate and latch backing plate and the 5 screws holding the hinge assembly in place.

8. Reinstall hinge and latch on opposite sides



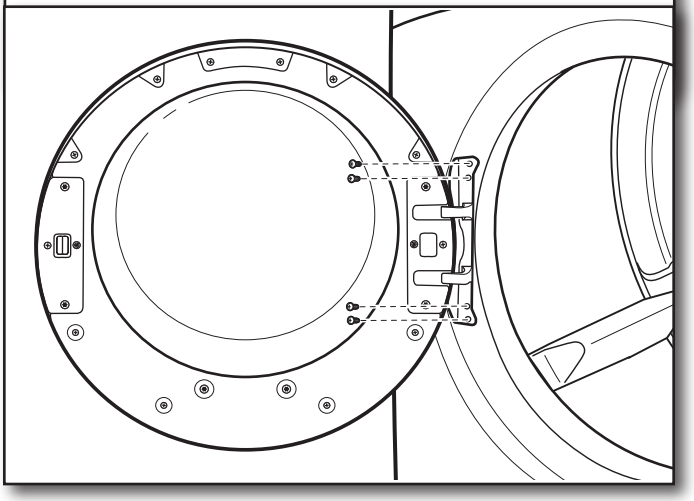
Using a Torx® † T25 screwdriver, reinstall the latch plate, latch backing plate, and hinge assembly on the opposite sides from which they were removed.

9. Reinstall inner door assembly



Position the door with the inside of the door facing up. Reinstall the 10 screws securing the inner door to the outer door.

10. Reinstall door on dryer



Using a Torx® † T25 screwdriver, remove the 4 screws on the dryer. Insert the tabs on the hinge into the mounting slot and slide down to engage the top tab. Secure in place with the 4 Torx® † T25 screws removed earlier.

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